

RTP 2700 S-50A MD NATURAL

Styrene Ethylene Butylene Styrene Block Copolymer

RTP Company

Message:

ISO 10993 Tested

General Information			
Agency Ratings	ISO 10993		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.890	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	2.0 to 3.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	50		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break, 3.20 mm)	7.58	MPa	ASTM D412
Tensile Elongation ² (Break)	700	%	ASTM D412
Tear Strength ³	25.4	kN/m	ASTM D624
Compression Set ⁴			ASTM D395B
23°C, 22 hr	16	%	
70°C, 22 hr	41	%	
Injection	Nominal Value	Unit	
Drying Temperature	76.7	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	177 to 204	°C	
Mold Temperature	15.6 to 37.8	°C	
NOTE			
1.	Die C, 500 mm/min		
2.	Die C, 500 mm/min		
3.	Die C		
4.	Type 2		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

